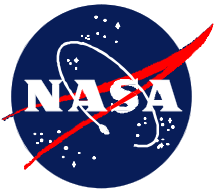


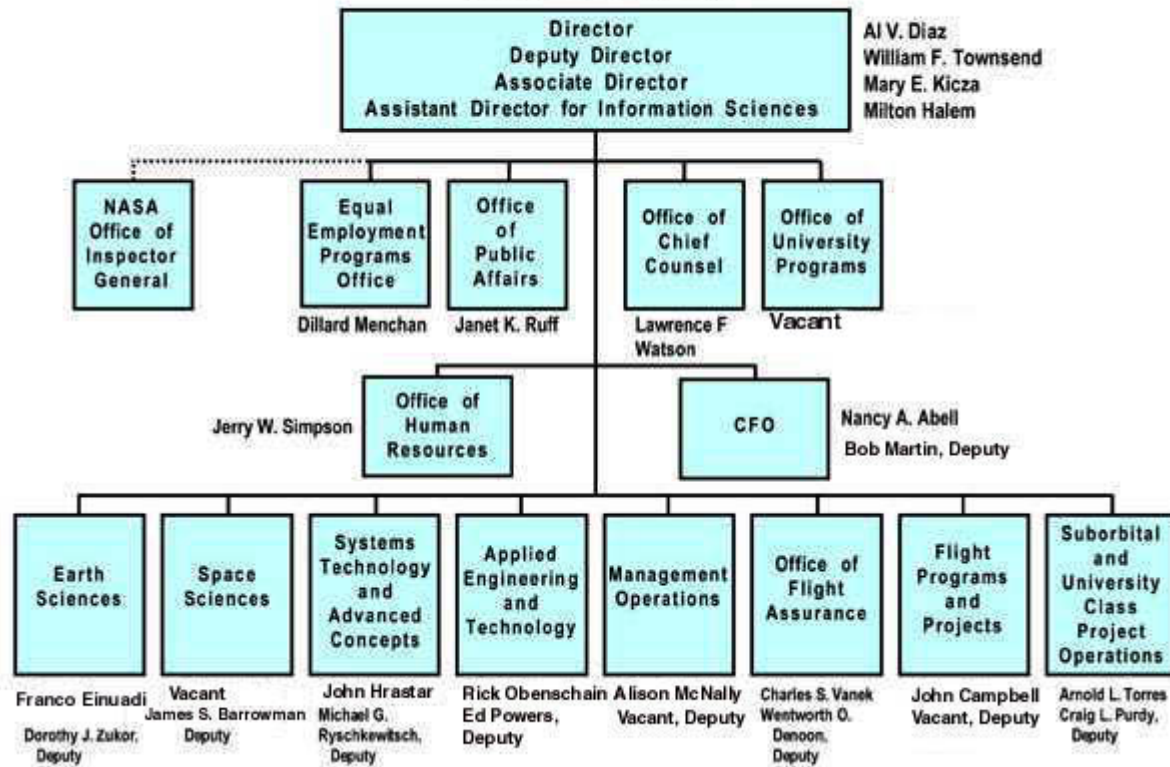
EARTH SYSTEM SCIENCE PATHFINDER PROJECT OFFICE

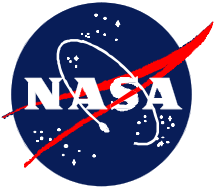
What Happens After Selection

David Baden/GSFC/ESSP
Deputy Program Manager/Resources

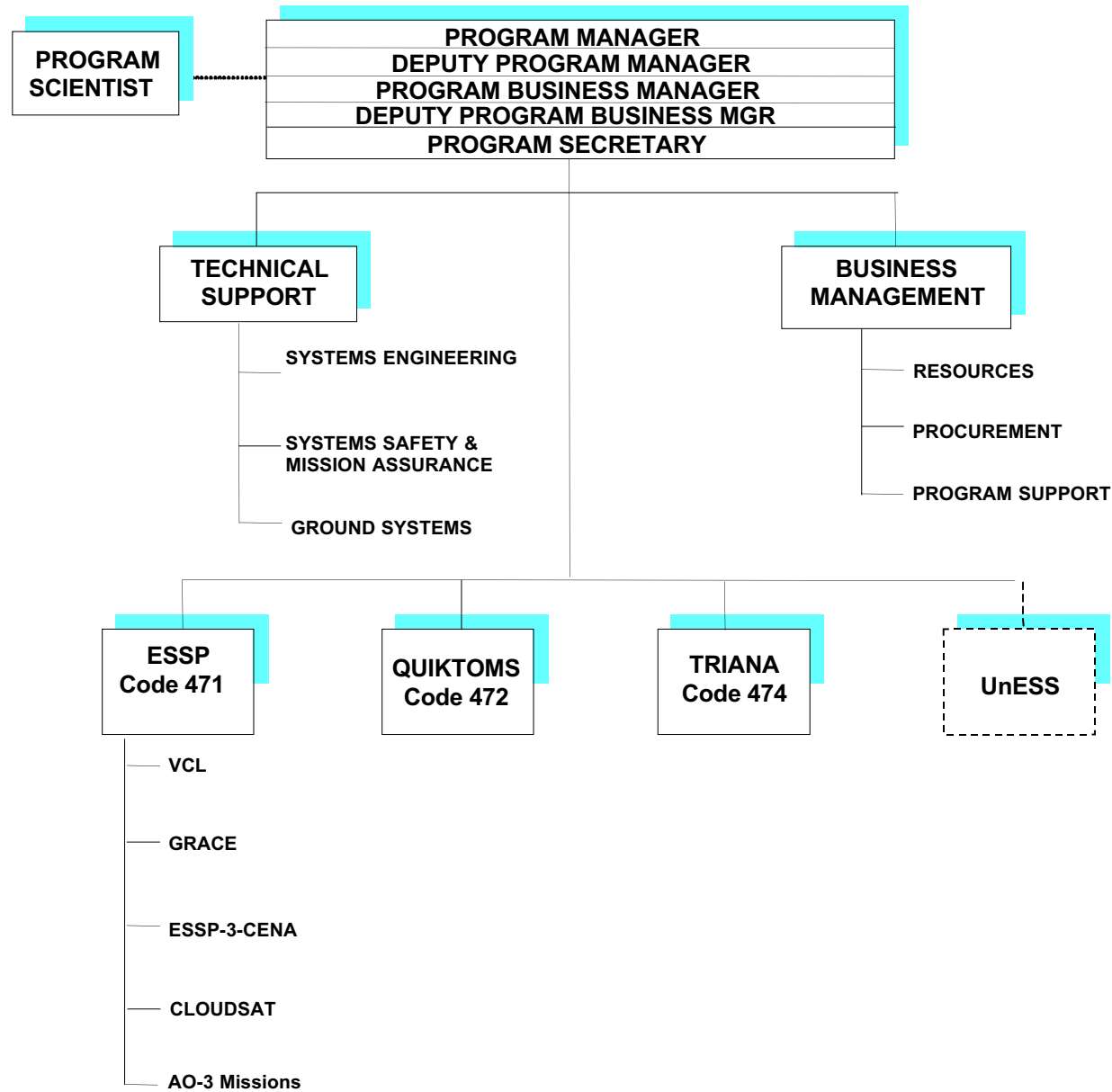


Goddard Space Flight Center as of March 2001

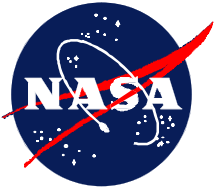




EARTH EXPLORERS PROGRAM CODE 470



--- Projects that report programmatically to Earth Explorers

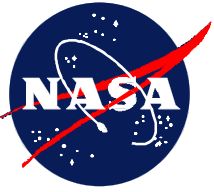


Earth Explorers

Program Responsibilities



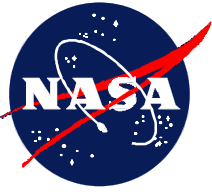
- ☐ Responsible to ensure that each mission remains within its committed cost, schedule, performance, reliability, and safety requirements
- ☐ Conduct continuing assessments of the technical and programmatic progress of missions
- ☐ Conduct all major mission system-level reviews (SRR, PDR/ MDR, CRR, CDR, PER, PSR/ORR, MRR, LRR)
- ☐ Coordinate the provision of government-furnished services and hardware (space communication support, launch vehicle services)



ESSP Project Responsibilities



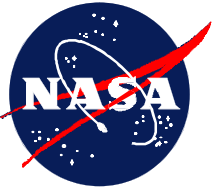
- ☐ ESSP is responsible for ensuring the PI takes the appropriate actions to achieve mission success within the committed cost, schedule, performance, reliability & safety requirements.
- ☐ ESSP project office obtains full insight with proactive inputs
- ☐ ESSP mission manager is a member of the PI s management team
- ☐ ESSP mission manager recommends courses of action and helps obtain government resources when requested
- ☐ ESSP project resource/business staff maintains insight and provide recommendations



ESSP Project Responsibilities (Continued)



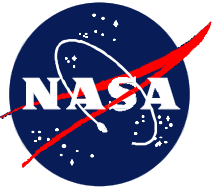
- ☐ Conduct technical and resource management of prime mission contracts, and task orders with PI
- ☐ ESSP project system engineering participates in all system working group meetings, peer reviews and system level reviews
- ☐ Ad hoc discipline engineering supports ESSP mission manager with technical insight at peer reviews, technical meetings and troubleshooting
- ☐ ESSP provides insight to NASA management through monthly reviews, weekly reporting, timely notification of problems/resolution plans, and involvement in special reviews.



PI and Project Team Responsibilities



- ☐ PI leads the science team, algorithm development and data analysis
- ☐ PI is responsible for maintaining cognizance of the mission implementation, decision making, and reporting
- ☐ PI and the implementing organization are responsible to the Lead Center Director for mission success
- ☐ PI s Project Manager and his/her implementing organization are responsible for the day to day implementation of the mission

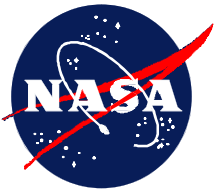


PI and Project Team

Responsibilities

(Continued)

- ☐ In addition to preparing and presenting system level reviews the project team is responsible for conducting independent subsystem peer reviews prior to the PDR and CDR
- ☐ PI understands that the EE Program Office will call a program review if the mission is headed outside the box which may lead to a cancellation review
- ☐ PI is responsible to develop and implement an education and outreach activity consistent with the Earth Science Enterprise Education and Outreach Strategy

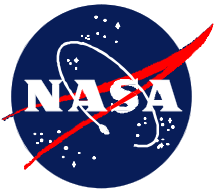


Performing Center Responsibilities



In the case where the PI has chosen a NASA Center to implement the mission:

- ☐ Performing Center provides project management for the PI
 - ☐ Conduct technical and resource management of mission contracts and task orders with mission team members
- ☐ Performing Center Project Office reports to the Lead Center Program Office
- ☐ Performing Center SMO Co-Chairs System Level Reviews with the Lead Center
- ☐ The PI, with concurrence from the Performing Center Director demonstrates Mission Readiness to the Lead Center Director
- ☐ The Lead Center Director certifies Mission Readiness to the AA



After Step-2 Selection's



- ❑ ESSP kick off meeting with PI and team
 - Discuss ESSP & mission management roles & responsibilities
 - Proposal evaluation debrief
- ❑ Negotiate & award prime contract and/or task orders/MOU s
- ❑ Start Mission Formulation Phase
 - 12 month study activity
 - System Requirements Review (SRR)
 - Preliminary Design Review (PDR) level peer reviews
 - PDR/Mission Design Review (MDR) — Appendix H
- ❑ Selection to proceed to Mission Confirmation Review process
 - Appendix D